BUSH Combi Frost - Free Refrigerator

Installation & User Instructions - Please keep for future reference **BAFF55166**

Important – Please read these instructions fully before installing or using

These instructions contain important information which will help you get the best from your appliance and ensure safe and correct installation, use and maintenance.

If you need help or have damaged or missing parts, call the **Customer Helpline: 0845 600 4632**

Issue 1 - 25/11/2010

Contents

Customer Helpline: **0845 600 4632**

Presentation and Description of Product **3**

Safety information **4**
Information on the Frost Free Technology 5
Switching on the appliance 5

Installation **6**
Reversing the door 6

User Information **9**
Thermostat settings 9
Accessories 9

Food storage in the appliance **10**
Refrigerator Compartment 10
Freezer Compartment 10

Cleaning and maintenance **11**
Defrosting 11
Replacing the light bulb 11

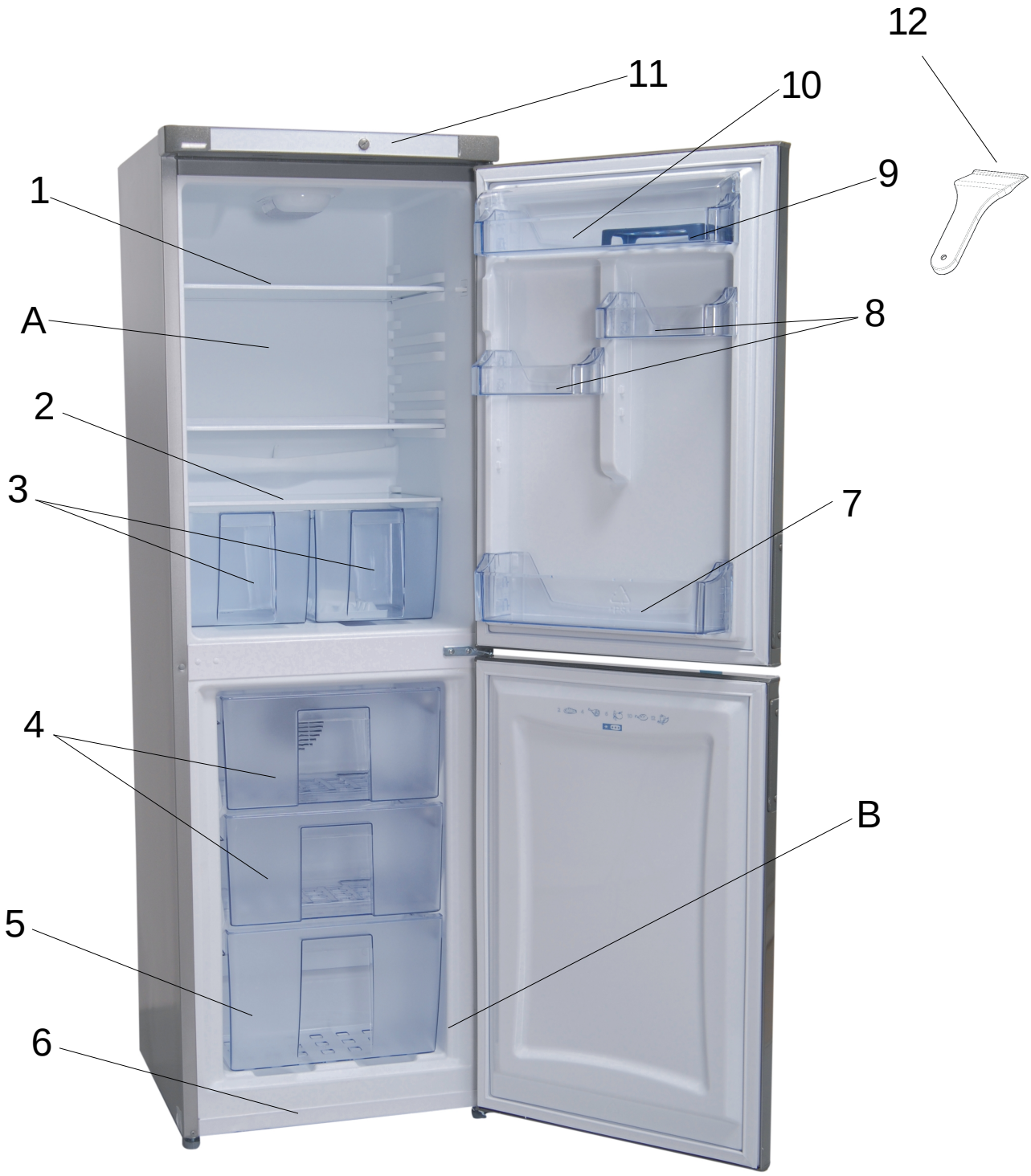
Trouble Shooting **12**

Technical Specifications **13**
Disposal information 13

Tips for saving energy **14**

Product code
BAFF55166

Presentation and Description of Product



A) Refrigerator shelf
B) Freezer compartment

1) Refrigerator compartment
2) Crisper shelf
3) Crispers
4) Middle basket
5) Lower basket
6) Foot hinge
7) Bottle shelf
8) Egg shelf
9) Egg holder
10) Butter shelf
1) Head Panel with Thermostat Control
12) Ice blade

Safety information

Important - Please read these instructions fully before installation

IMPORTANT - Please read this booklet before installing and switching on this appliance. The manufacturer assumes no responsibility for incorrect installation and usage as described in this booklet.

IMPORTANT - If the supply cord is damaged it must be replaced by the manufacturer, service agent or appointed person.

WARNING - keep ventilation openings (in appliance enclosure or building) clear from obstruction.

WARNING - Do not use electrical appliances in the larder.

WARNING - If this appliance is to replace an old larder with a lock, break or remove the lock to protect children from locking themselves inside.

WARNING - Old larders contain insulation gases and refrigerant, which must be disposed of properly. Entrust the disposal of a scrap unit to your local waste disposal service and contact your local authority or dealer if you have any questions.

Please ensure that the larder pipe is not damaged prior to collection by an appropriate waste disposal service.

WARNING - Do not allow children to play with the appliance. Children must never sit in the drawers or hang from the door.

WARNING - Do not use adapters or shunts, which could cause overheating or burning.

WARNING - Do not connect old, warped power supply cables.

WARNING - Do not twist and bend the cables, and keep them away from hot surfaces.

WARNING - Do not connect the power supply with wet hands.

WARNING - After installation, make sure that the power cable is not trapped underneath the appliance.

WARNING - This appliance is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

WARNING - Do not defrost the appliance with other electrical devices (i.e. hair dryer) or other artificial means.

WARNING - Do not touch the cooling surfaces while the appliance is in operation, especially with wet hands, as skin may stick to cold surfaces.

CAUTION - If the model contains R600a (see name plate - coolant is isobutane) then it is environmentally friendly but also combustible. When transporting and installing the unit, care must be taken to ensure that none of the refrigeration circuit components become damaged. In the event of damage, avoid naked flames or ignition sources and ventilate the room in which the unit is placed for a few minutes.

CAUTION - Do not use mechanical devices or other artificial means to accelerate the defrosting process.

CAUTION - Do not damage the refrigerant circuit.

Before using the appliance

Information on the Frost Free Technology

Frost Free refrigerators are different from the other static refrigerators in terms of how they work.

In normal refrigerators, in the freezing section, the humidity from the food entering the refrigerator during door swings causes frosting inside the freezing section. For removing the frost that has been formed, it is necessary to carry out a defrosting process by powering off the refrigerator, taking out the food that needs to be kept cold during this process, removing the accumulated frost.

Frost free refrigerators, work in a different way. Air is circulated around both the fridge and freezer compartments by a fan. This keeps all food cool wherever it is in the appliance and does not allow frosting.

Switching on the appliance

- Before switching on, place the appliance in an upright position and wait at least three hours without moving the appliance. This will give the freezing circuit time to settle and operate efficiently.
- Clean the appliance thoroughly, especially the interior, before use (see Cleaning and Maintenance).
- Installation of the appliance and electrical connections must be carried out by a qualified technician in accordance with the installation manual and local regulations.
- The procedure for installation the appliance into the kitchen unit is given in the installation section of this manual. This product is only intended to be used in proper kitchen units.
- The appliance must be connected with a properly installed fused socket. Power supply (AC) and voltage at the operating point must comply with the details on the name plate of the appliance (the name plate is located on the inside-left of the appliance).
- Insert the plug into a socket with an efficient ground connection. If the socket has no ground contact or the plug does not match, we suggest you to call an authorised electrician for assistance.
- The manufacturer is not responsible for failure to complete the ground connection as described in this booklet.
- There can be an odour when you first switch on the appliance. It will disappear after the appliance starts to cool.
- The plug must be accessible following installation.

Installation

Reversing the door

1- Unscrew the two screws which are fixing the middle hinge. (Fig-1) Also remove the two middle hinge screw caps (big) on the left side.

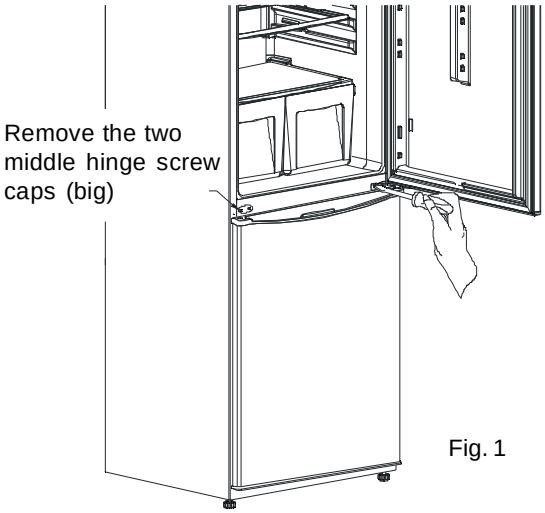


Fig. 1

2- Remove the refrigerator and freezer door from cabinet by pulling towards to you together with the middle hinge. (Fig-2)

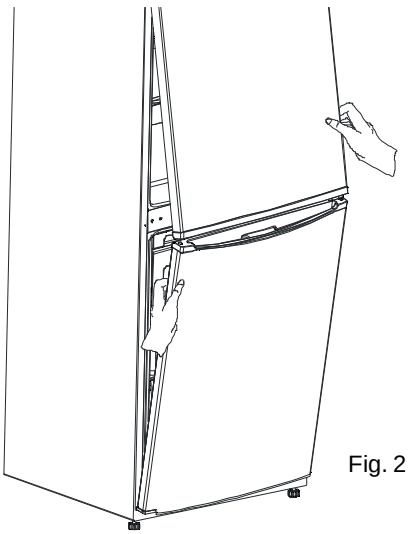
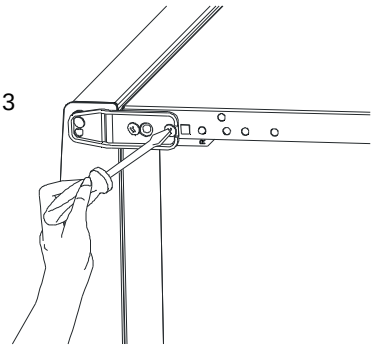


Fig. 2

3- Lie down the appliance to the left side. Dismantle both stationary foot and unscrew the bottom hinge fixing screws and remove it. (Fig-3) Unscrew the bottom hinge pin and screw in the next hole.(Fig-4) Then screw the hinge to left side of the refrigerator. Screw the both stationary foot.

Fig. 3



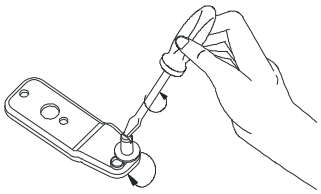


Fig. 4

4- Place the two middle hinge screw caps (big) as shown in the figure. (Fig-5)

(You can find the new caps in the user manual bag)

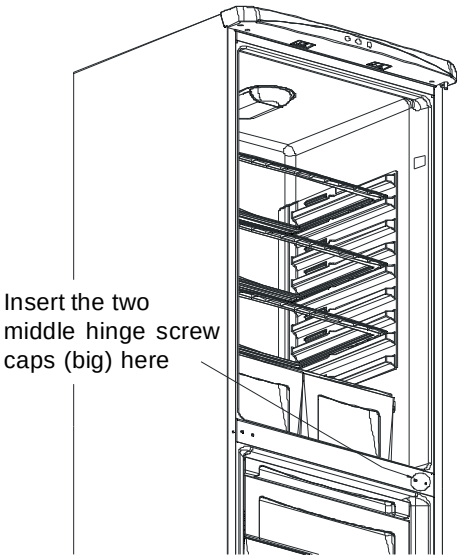


Fig. 5

5-Unscrew the pin of the top hinge.

(Fig-6/Detail-A) and screw it to the left hinge. (Fig-6/Detail-B)

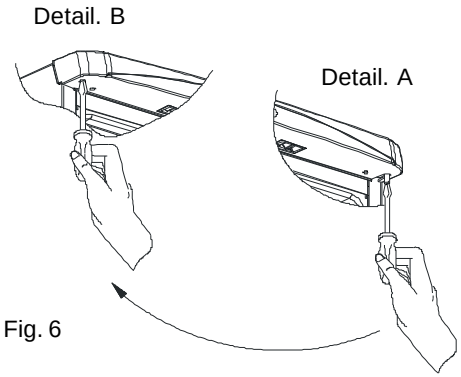


Fig. 6

6- Replace the top bushing and top bushing cap. (Fig-7)

Remove the bottom bush reassemble it to the left hole. (Fig-7)

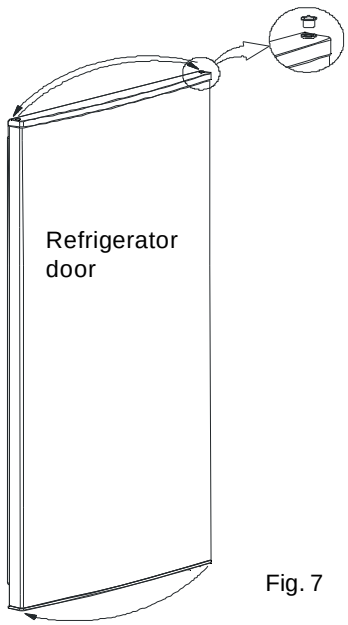
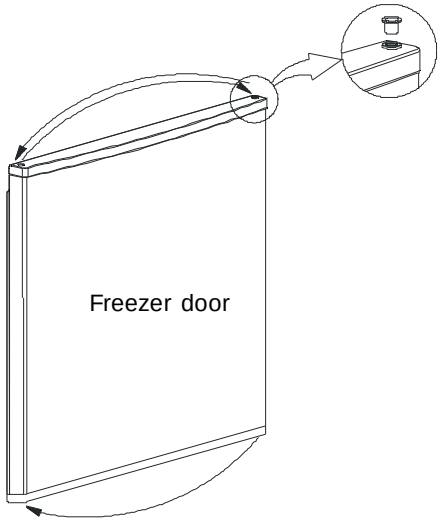


Fig. 7

7- Replace the top bushing and top bushing cap. (Fig-8)

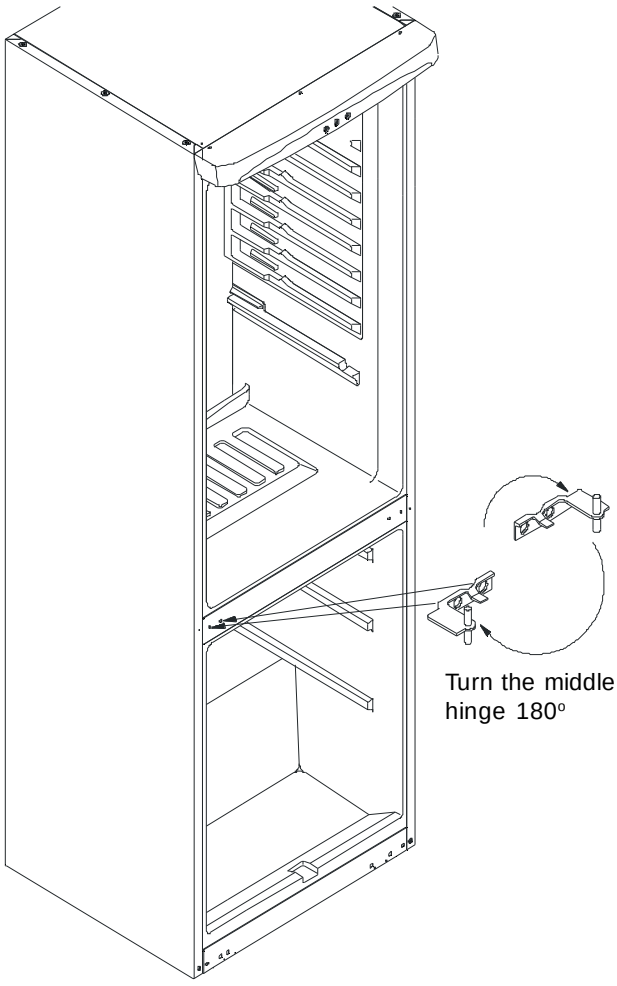
(You can use the bushing cap that is put in the user manual bag)

Remove the bottom bush and reassemble it to the left side. (Fig-8)



8- Turn the middle hinge 180°. Assemble the freezer door and refrigerator door together with middle hinge. (Reverse operation of item 2)

Fix the middle hinge by tighting the screws. (Fig-9)



User Information

Customer Helpline: **0845 600 4632**

Thermostat settings

Cooling compartment

- The thermostat automatically regulates the inside temperature of the appliance. By rotating the know from positions 1 to 5, colder temperatures can be obtained.
- The '0' position shows that the thermostat is closed and no cooling is available.
- For the short-term storage of food, set the knob between the minimum and medium positions (1-3).
- For the long-term storage of food, set the knob to the medium position (3-4).
- Note that the ambient temperature (the temperature of the freshly stored food and how often the door is opened) affects the temperature within the appliance, if required change the temperature setting.
- When you first switch on the appliance, you should ideally run it without any food for 24 hours and not open the door. If you need to use it straight away, try not to put too much food inside.
- If the unit is switched off or unplugged, you must allow at least 5 minutes before restarting to avoid damaging the compressor.

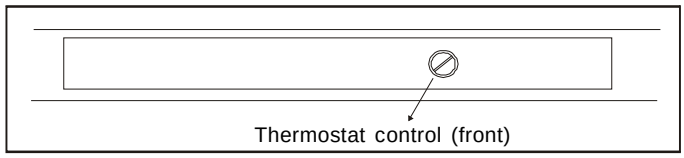
If your fridge is not cold enough

Your fridge is designed to operate in the ambient temperature intervals stated in accordance with the climate class stated on the information label. We do not recommend operating your fridge out of the stated temperature values.

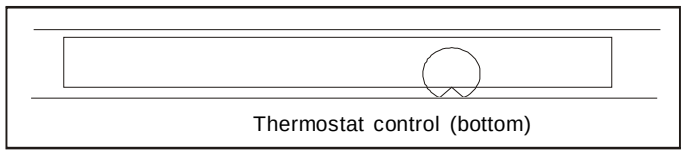
Climate Class	Ambient Temperature (°C)
T	Between 16 and 43 (°C)
ST	Between 16 and 38 (°C)
N	Between 16 and 32 (°C)
SN	Between 10 and 32 (°C)

Cooler and Freezer Thermostat Knob

A) Thermostat Knob(front);



B) Thermostat Knob(bottom);



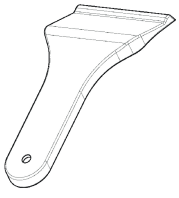
Accessories

Ice tray

- Fill the ice tray with water and place in freezer compartment.
- After the water has completely frozen , you can twist the tray as shown below to get the ice cubes.

Plastic scraper

A plastic scraper is provided for scraping ice in the defrost process. Do not use sharp metal objects for this process. They could puncture the refrigerator circuit and cause irreparable damage to the unit.



Food storage in the appliance

Refrigerator Compartment

"The refrigerator compartment is used for storing fresh food for a few days.

- Do not place food in direct contact with the rear of the compartment. Leave some space around food to allow for the circulation of air.
- Do not place hot food or evaporating liquids in the refrigerator.
- Always store food in closed containers or wrapped.
- To reduce humidity and avoid the formation of frost, never place liquids in unsealed containers in the refrigerator.
- Meat of all types, wrapped in packages, is recommended to be placed on the glass shelf just above the vegetable bin, where the air is colder.
- You can put fruits and vegetables into the crisper without packaging.
- To prevent cold air escaping, try not to open the appliance door too often and do not leave the door open for long periods.

Freezer Compartment

The freezer compartment is used for freezing fresh foods and for storing frozen foods for the period of time indicated on packaging, and for making ice cubes.

- Please place the food you would like to freeze initially in the upper basket of the deep freeze in such a way that it shall not exceed the declared freezing capacity of your freezer.
- Do not refreeze frozen food once it has been thawed.
- Do not place hot food in the freezer.
- While storing the frozen food, the storage conditions on the package should be observed.
- During a prolonged power cut, do not open the door of the freezer. Your freezer will preserve your frozen food for about 12 hours.
- The prevent cold air escaping try not to open freezer door too often and do not leave the door open for long periods.

Cleaning and maintenance

General

Warning: Disconnect the appliance from the power supply before cleaning.

- Do not pour water over the appliance.
- The larder compartment should be cleaned periodically using a solution of bicarbonate of soda and lukewarm water.
- Clean the accessories separately with soap and water. Do not put them in the dishwasher.
- Do not use abrasive products, detergents or soaps. After washing, rinse with clean water and dry carefully. When cleaning operations have been completed, reconnect the plug with **dry hands.**

Defrosting

- Defrosting occurs automatically in the larder during operation. The defrost water is collected by the evaporating tray and evaporates automatically.
- The defrost water drain hole should be cleaned periodically along with the defrost drain plug to prevent water from collecting on the bottom of the larder instead of fl owing out.
- You can also pour ½ glass of water into the drain hole to clean it inside.

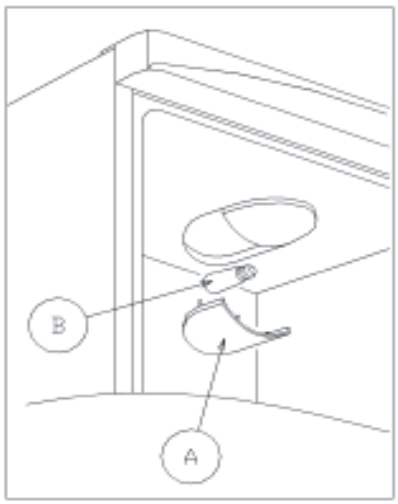
Replacing the light bulb

1. Unplug the unit from the power supply,

2. Remove the refrigerator light cover (A) by pressing the hooks placed on both sides of the cover.

3. Change the light bulb (B) with a new one (not more than 15 W).

4. Place the light cover in its place and plug the unit.



Trouble Shooting

Customer Helpline: **0845 600 4632**

If your refrigerator is not working properly, it may be a minor problem, therefore check the following.

Problem	Possible Causes	Possible Solutions
The appliance does not operate	**There is a power failure** **The mains plug is not properly plugged in, or is loose** **The thermostat setting is on position "0"**	**The socket is defective. To check this, plug in a fully operable appliance into the same socket**
The appliance performs poorly	**You have overloaded the appliance** **The doors are not closed perfectly**	**There is not sufficient ventilation around the appliance**
There is a noise	**The cooling gas which circulates in the larder circuit may make a slight noise (bubbling sound) even when the compressor is not running. Do not worry, this is quite normal. If these sounds are different check if;** **· The appliance is installed firmly as described in the section of this instruction manual** **· Objects on the appliance are vibrating**	

IMPORTANT NOTES:

- In case of a sudden power loss or disconnecting reconnecting of the plug to the electrical socket, the compressor's protective thermal element will be opened as the pressure of the gas in the cooling system of your refrigerator has not yet been balanced. 4 or 5 minutes later, your refrigerator will start to operate; this is normal.
- If you will not be using your refrigerator for a long time (holiday, etc...), disconnect the plug from the socket. Clean your refrigerator as per page 9 of this document and leave the door open to prevent any humidification or odour formation.

If there is still a problem with your refrigerator despite following the instructions in this book, please consult your nearest authorized service center, or call the costumer help line on **0800 600 4632**.

The life cycle of this product as determined and proclaimed by the Ministry of Industry (the period for making spare parts available for the product to be able to fulfill its functions) is 10 years.

Conformity Information

- Normal Class is defined for the environment temperatures between 16°C and 32°C in accordance with the TS EN ISO 15502 Standards.
- The appliance is designed in compliance with the EN15502, IEC60335-1 / IEC60335-2-24, 2004/108/EC standards.

Technical Specifications

Customer Helpline: **0845 600 4632**

Supplier's name or trade mark	BUSH
Model / Item	BAFF55166
Type of appliance	GN311MCE
The energy efficiency class	A
Voltage	220-240V / 50HZ
Power	1,12A
Energy consumption	0,86kwh/24h
Net storage volume of fresh food	152 lt.
Net storage volume of frozen food	78 lt.
Star rating of frozen food storage compartment	4
Refrigeration system	Frost - Free
Power cut safe Z h'	720 mins (-18ºC to -9ºC)
Freezing capacity'	3,5 lt.
Climate class'	N
Size (mm) (H x W x D)	1660 x 540 x 600
Net weight	56 Kg.
Noise'	44-46 db (A)

We apologise for any inconvenience caused by minor inconsistencies in these instructions that may occur as a result of product improvements and development.

CE

Disposal information

The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it should be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please contact your local council office, your household waste disposal service or the shop where the product was purchased.

Tips for saving energy

1. Install the appliance in a cool, well ventilated room , but not in direct sunlight and not near a heat source (radiator, cooker etc). Otherwise use an insulating plate.
2. Allow food and drinks to cool down outside the appliance.
3. When thawing frozen food, place it in the refrigerator compartment. The low temperature of the frozen food will help to cool the refrigerator compartment when it is thawing, thus saving energy. If the frozen food is put out, it causes energy wastage.
4. When placing drinks and other liquids inside the refrigerator they must be covered; otherwise humidity increases in the appliance and the working time increases. Covering drinks and other liquids also helps preserve their smell and taste.
5. When placing food and drinks inside the refrigerator open the appliance door as briefly as possible.
6. Keep the covers of any different temperature compartments closed (crisper, chiller ...etc).
7. The door gasket must be clean and pliable. Replace gaskets if worn.
8. Occasionally clean the rear of the appliance with a vacuum cleaner or paint brush to prevent increased power comsumption.

Guarantee

Product Guarantee

This product is guaranteed against manufacturing defects for a period of

Year

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalided if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.
- In the event of a problem with the product with in the guarantee period call the Customer Helpline: **0845 600 4632**.

Guarantor: Argos Ltd
489 - 499 Avebury Boulevard
Central Milton Keynes
MK9 2NW